

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|---|------------------|---------|------------------|
| S1 | 50542 | chemical adj mechanical adj polish\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/05 10:26 |
| S2 | 500 | 205/222.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/01 17:40 |
| S3 | 164 | 205/222.ccls. and copper | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/01 17:40 |
| S4 | 95 | 205/222.ccls. and copper and (polish\$3 planar\$7) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/01 17:41 |
| S5 | 36 | 205/222.ccls. and copper and (polish\$3 planar\$7) and pad | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/01 17:41 |
| S6 | 24 | 205/222.ccls. and copper and (polish\$3 planar\$7) and pad and seed\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/01 17:41 |
| S7 | 14 | 205/222.ccls. and copper and (polish\$3 planar\$7) and pad and seed\$3 and slurry | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/05 14:32 |
| S8 | 32 | ("5911619" "6103628" "6110011" "6176992" "6197181" "6251235" "6258223" "6299741" "6328872" "6352623" "6355153" "6379223" "6402925" "6409904" "6413388" "6413403").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/05 11:37 |

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| S9 | 14 | 205/222.ccls. and copper and (polish\$3 planar\$7) and pad and seed\$3 and slurry | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/05 12:11 |
| S10 | 12 | S9 not S8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/05 10:30 |
| S11 | 44 | S10 S8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/05 10:31 |
| S12 | 21 | laursen-thomas.in. hardikar-vishwas.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/05 11:01 |
| S14 | 14 | 205/222.ccls. and copper and (polish\$3 planar\$7) and pad and seed\$3 and slurry and barrier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/05 14:33 |
| S15 | 3 | 205/222.ccls. and copper and (polish\$3 planar\$7) and pad and seed\$3 and slurry and (remove near3 barrier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/05 14:36 |
| S16 | 2 | 205/222.ccls. and ((electrodeposit\$3 electroplat\$3) near3 copper) and (polish\$3 planar\$7) and pad and seed\$3 and slurry and (remove near3 barrier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/05 14:37 |
| S17 | 1 | 205/222.ccls. and ((electrodeposit\$3 electroplat\$3) near3 copper) and (polish\$3 planar\$7) and pad and seed\$3 and slurry and (remove near3 barrier) and (fill\$3 near3 feature) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/05 14:38 |

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| S18 | 32 | ((electrodeposit\$3 electroplat\$3) near3 copper) and (polish\$3 planar\$7) and pad and seed\$3 and slurry and (remove near3 barrier) and (fill\$3 near3 feature) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/05 14:47 |
| S19 | 3 | ((electrodeposit\$3 electroplat\$3) near3 copper) and (polish\$3 planar\$7) and pad and seed\$3 and slurry and (remove near3 barrier) and (fill\$3 near3 feature) and (barrier near3 selectivity) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/05 14:51 |
| S20 | 1 | ((electrodeposit\$3 electroplat\$3) near3 copper) and (polish\$3 planar\$7) and pad and seed\$3 and slurry and (remove near3 barrier) and (fill\$3 near3 feature) and (barrier near3 selectivity) and (1:1 "1 to 1") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/05 14:52 |
| S21 | 50615 | chemical adj mechanical adj polish\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/06 12:28 |
| S22 | 379 | S21 and (shore near4 hardness) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/06 12:28 |
| S23 | 209 | S21 and ((shore near4 hardness) with pad) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/06 12:45 |
| S24 | 43 | S21 and ((shore near4 hardness) with pad) and selectivity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/06 12:29 |
| S25 | 32 | S21 and ((shore near4 hardness) with pad) and selectivity and copper | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/06 12:30 |

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| S26 | 19 | S21 and ((shore near4 hardness) with pad) and selectivity and copper and barrier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/06 17:04 |
| S27 | 3 | S21 and ((shore near4 hardness) with pad) and selectivity and copper and barrier and seed | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/06 12:32 |
| S28 | 0 | S21 and (((shore near4 hardness) near2 ("less than"))) with pad) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/06 12:46 |
| S29 | 0 | S21 and (((shore near4 hardness) near2 ("less near2 than"))) with pad) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/06 12:46 |
| S30 | 0 | S21 and (((shore near4 hardness) near2 (less near2 than))) with pad) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/06 12:47 |
| S31 | 76 | S21 and (((shore near4 hardness) near3 (less))) with pad) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/06 13:21 |
| S32 | 71 | S21 and (((shore near4 hardness) near3 (less))) with pad) and copper | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/06 12:48 |
| S33 | 37 | S21 and (((shore near4 hardness) near3 (less))) with pad) and copper and barrier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/06 12:48 |

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| S34 | 17 | S21 and (((shore near4 hardness) near3 (less)) with pad) and copper and barrier and seed | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/06 12:49 |
| S35 | 16 | S34 not S26 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/06 12:49 |
| S36 | 20 | S21 and (((shore near4 hardness) near3 (less)) with pad) and politex | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/06 13:21 |
| S37 | 20 | S21 and (((shore near4 hardness) near3 (less)) with pad) and politex and copper | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/06 13:22 |
| S38 | 17 | S21 and (((shore near4 hardness) near3 (less)) with pad) and politex and copper and barrier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/06 13:22 |
| S39 | 7 | S21 and (((shore near4 hardness) near3 (less)) with pad) and politex and copper and barrier and seed | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/06 13:22 |
| S40 | 50615 | chemical adj mechanical adj polish\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/06 16:19 |
| S41 | 129 | ((slurry solution fluid) near4 "1:1") and S40 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/06 16:20 |

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| S42 | 78 | ((slurry solution fluid) near4 "1:1") and S40 and copper | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/06 16:20 |
| S43 | 47 | ((slurry solution fluid) near4 "1:1") and S40 and copper and barrier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/06 16:20 |
| S44 | 4 | ((slurry solution fluid) near4 "1:1") same barrier) and S40 and copper | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/06 16:22 |
| S45 | 12 | ((slurry solution fluid) near4 ("1:1" "1 to 1" "same rate" "one to one")) same barrier) and S40 and copper | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/06 16:23 |
| S46 | 50615 | chemical adj mechanical adj polish\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/06 17:04 |
| S47 | 185 | S46 and copper and barrier and (two adj4 slurry) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/06 17:04 |
| S48 | 20 | LAURSEN-THOMAS.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/29 13:35 |
| S49 | 2 | "6090239".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/29 17:35 |

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| S50 | 2 | "6245676".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/29 16:09 |
| S51 | 65 | platen same CMP same (barrier adj layer) same copper | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/29 17:35 |
| S52 | 2778 | (soft adj (pad (polishing adj pad))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/29 18:08 |
| S53 | 688 | (soft adj (pad (polishing adj pad))) and (cmp (chemical adj mechanical adj (polishing planarizing)) ecmp (electrochemical adj mechanical adj (polishing planarizing))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/29 18:09 |
| S54 | 301 | (soft adj (pad (polishing adj pad))) and (cmp (chemical adj mechanical adj (polishing planarizing)) ecmp (electrochemical adj mechanical adj (polishing planarizing))) and copper | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/29 18:09 |
| S55 | 173 | (soft adj (pad (polishing adj pad))) and (cmp (chemical adj mechanical adj (polishing planarizing)) ecmp (electrochemical adj mechanical adj (polishing planarizing))) and copper and barrier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/29 18:09 |
| S56 | 148 | (soft adj (pad (polishing adj pad))) and (cmp (chemical adj mechanical adj (polishing planarizing)) ecmp (electrochemical adj mechanical adj (polishing planarizing))) and copper and (barrier adj (material layer)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/29 18:10 |
| S57 | 26 | (soft adj (pad (polishing adj pad))) and (cmp (chemical adj mechanical adj (polishing planarizing)) ecmp (electrochemical adj mechanical adj (polishing planarizing))) and copper and (barrier adj (material layer)) and (shore near d) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/29 18:14 |

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| S58 | 80 | (soft adj (pad (polishing adj pad))) and (cmp (chemical adj mechanical adj (polishing planarizing))) ecmp (electrochemical adj mechanical adj (polishing planarizing))) and copper and (barrier adj (material layer)) and (politex rodel) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/29 18:26 |
| S59 | 38 | (soft adj (pad (polishing adj pad))) and (cmp (chemical adj mechanical adj (polishing planarizing))) ecmp (electrochemical adj mechanical adj (polishing planarizing))) and copper and (barrier adj (material layer)) and (politex) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/02 09:29 |
| S60 | 6 | (soft adj (pad (polishing adj pad))) and (ecmp (electrochemical adj mechanical adj (polishing planarizing))) and copper and (barrier adj (material layer)) and (politex) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/02 09:29 |
| S61 | 2 | "6776696".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/02 12:48 |
| S62 | 2 | "6083840".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/02 12:48 |
| S63 | 101492 | "451".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/27 10:08 |
| S64 | 34 | "451".clas. and (soft with pad) same (copper with (polish polish\$3 remov\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/30 19:26 |
| S65 | 10 | "451".clas. and (soft with pad) same (copper with (polish polish\$3 remov\$3)) same ((barrier adj layer) tantalum ta) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/30 12:31 |

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| S66 | 11 | ("205" "204").clas. and (soft with pad) same (copper with (polish polish\$3 remov\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/27 11:00 |
| S67 | 2 | "6375823".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/27 11:01 |
| S68 | 64 | ((electrochemical electrolytic electrochemically electrolytically) adj (mechanical) adj (plat\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/30 12:33 |
| S69 | 0 | ((electrochemical electrolytic electrochemically electrolytically) adj (mechanical) adj (plat\$3)) and (soft adj pad) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/30 12:33 |
| S70 | 6 | ((electrochemical electrolytic electrochemically electrolytically) adj (mechanical) adj (plat\$3)) and (soft with pad) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/30 12:33 |
| S71 | 26 | ("20020127845" "5578523" "5804084" "5804507" "5880003" "5897375" "5928959" "5928961" "5968842" "6010962" "6017803" "6083840" "6136693" "6140234" "6225223" "6258220" "6341998" "6376353" "6420258" "6451698" "6455425" "6489240" "6582579").PN. OR ("6884724").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/30 12:36 |
| S72 | 2 | S71 and (soft with pad) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/30 12:36 |
| S73 | 8 | ((451/57).ccls. (438/697).ccls. (205/222).ccls.) and (soft with pad) same (copper with (polish polish\$3 remov\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/30 19:27 |